GOVERNMENT OF INDIA
WATER RESOURCES
LOK SABHA

UNSTARRED QUESTION NO:2634
ANSWERED ON:21.03.2005
ACCUMULATION OF WATER IN TSHO-ROLPA GLACIER
Adhalrao Patil Shri Shivaji;Mishra Dr. Rajesh Kumar

Will the Minister of WATER RESOURCES be pleased to state:

(a) whether gradual increase of water level in the Tsho- Rolpa Glacier has posed danger for India and its neighbours;

(b) if so, the details thereof; and

(c) the remedial steps being taken by the Government in this regard?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF WATER RESOURCES (SHRI JAI PRAKASH NARAYAN YADAV)

(a)&(b) Yes, Sir. There is a gradual increase in water level in Tsho−Rolpa Glacier lake due to the melting of the nearby glacier, showing nearly six folds increase over the last 40 years. The reason for increase in water level is due to retreating of Tradkarding glacier located above the lake as a result of global warming. The lake is located in Himalayan region in Nepal.

(c) The National Remote Sensing Agency (NRSA) under the Disaster Management Support Programme has been constantly monitoring various major glacier lakes in the Himalayas for any possible breach. NRSA will also be keeping a close watch on Tsho-Rolpa glacier using Indian remote sensing data.